

Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. Date of Submission: 2010-03-19 17:54:42

2. Agency: 010

3. Bureau: 12

4. Name of this Investment: USGS - National Biological Information Infrastructure (NBII)

5. Unique Project (Investment) Identifier: 010-12-01-02-01-1206-00

6. What kind of investment will this be in FY 2011?: Operations and Maintenance

- Planning
- Full Acquisition
- Operations and Maintenance
- Mixed Life Cycle
- Multi-Agency Collaboration

7. What was the first budget year this investment was submitted to OMB? *

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits.

The NBII continues to support the goals of the DOI's mission. In a 1993 report "A Biological Survey for the Nation," the National Research Council recommended that DOI take steps to make available the immense volume of biological resources data and information collected in the public and private sectors and make it available to and useable by policy/decision makers, resource managers, researchers, and others. In fiscal year 2001, Congress funded the NBII investment to 1) provide a mechanism for accessing existing biological and natural resources data, information products, and analytical tools to support and enhance science-based decision-making, and 2) provide the technical and organizational infrastructure to coordinate delivery of this information and data to consumers of biological information. NBII's strategic goals and objectives directly support the DOI's strategy for building a "Multi-Dimensional Science and Information Framework for Sustainable Earth Science and Management." The NBII supports this goal by building and maintaining an integrated library of biological knowledge, and enabling the exchange data and information to support the nation's biological and ecological resources. The ability to reliably exchange and reuse data and information is supported through the development and distribution of tools and standards necessary to facilitate system-wide interoperability and stakeholder collaboration. The BY12 funding will support maintenance activities including hardware and software upgrades, security, system administration, application and data hosting, and web and geospatial application maintenance. Additionally, BY12 funding will be used to conduct an enterprise-wide architecture re-analysis to ensure maximum efficiency of the infrastructure and technical foundation of the NBII. Planned maintenance enhancements include 1) the expansion of standardized frameworks that are leveraged across the NBII; 2) deployment of enhanced functionality to existing frameworks, tools and systems such as Web 2.0 technologies; and 3) integration of data and information that covers the nation geographically and thematically.

- a. Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned) alternatives analysis for this investment, and whether this investment has a risk management plan and risk register.**

9. Did the Agency's Executive/Investment Committee approve this request? *

a. If "yes," what was the date of this approval? *

10. Contact information of Program/Project Manager?

- Name: *
- Phone Number: *
- Email: *

11. What project management qualifications does the Project Manager have? (per FAC-P/PM)? *

- Project manager has been validated according to FAC-PMPM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/OM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):

Financial management system name(s)	System acronym	Unique Project Identifier (UPI) number
*	*	*

a. If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMIA compliance area that this investment addresses (choose only one): *

- computer system security requirement;
- internal control system requirement;
- core financial system requirement according to FSIO standards;
- Federal accounting standard;
- U.S. Government Standard General Ledger at the Transaction Level;
- this is a core financial system, but does not address a FFMIA compliance area;
- Not a core financial system; does not need to comply with FFMIA

Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table 1: SUMMARY OF FUNDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY1 and earlier	PY 2009	CY 2010	BY 2011	BY+1 2012	BY+2 2013	BY+3 2014	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition:	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
SUBTOTAL:	*	*	*	*	*	*	*	*	*
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
TOTAL(including FTE costs)	*	*	*	*	*	*	*	*	*

2. If the summary of funding has changed from the FY 2010 President's Budget request, briefly explain those changes:

*

Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table 1: Contracts/Task Orders Table

Contract or Task Order Number	Type of Contract/Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/Task Order	End date of Contract/Task Order	Total Value of Contract/Task Order (M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)
ING07HQFS0099	Fixed Price	Y	2007-07-18	2007-07-18	2009-10-31	\$0.5	*	*	*	*	*
ING07HQFS0053	Fixed Price	Y	2007-09-14	2007-09-15	2010-09-15	\$1.1	*	*	*	*	*
GO9PC00034	Task Order	Y	2009-01-09	2009-02-19	2010-02-08	\$0.5	*	*	*	*	*
ING07CRFS0185	Fixed Price	Y	2007-09-14	2007-09-15	2009-11-15	\$2.6	*	*	*	*	*

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

*

3. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? *

a. If "yes," what is the date? *

Section D: Performance Information (All Capital Assets)

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2011	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of natural resource data and information resources being accessed for science and science-based decision-making	21.5%	19%	TBD
2007	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Number of FGDC-compliant metadata records available through the NBII Clearinghouse to enhance the quality, clarity and utility of biological resources data and information	26800	28000	29200
2010	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Number of FGDC-compliant metadata records available through the NBII Clearinghouse to enhance the quality, clarity, and utility of biological resources data and information.	26800	45000	90000
2007	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Amount of invasive species data and information available online via the NBII to assist in modeling and forecasting the spread of invasives.	1.1 GB	1.3 GB	1.4 GB
2010	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of NBII users satisfied with access to and with ease of use of scientific and technical content	80%	80%	80%
2008	Resource Protection: Improve the	*	*	% of focal migratory bird populations for	15%	15%	15%

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Understanding of National Ecosystems and Resources Through Integrated			which species pages are available through the NBII.			
2009	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of NBII customers satisfied with ease and timeliness of access to scientific and technical products and assistance	80%	80%	80%
2007	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of NBII customers satisfied with ease and timeliness of access to scientific and technical products and assistance	80%	80%	80%
2007	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of North American migratory birds for which scientific information on their status (species distribution) and trends are available in a standardized and exchangeable format to improve conservation plans of federal and state agencies.	25%	30%	31%
2011	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Numbers of FGDC-compliant metadata records available through the NBII Clearinghouse to enhance the quality, clarity and utility of biological resources data and information.	26800	95000	TBD
2011	Resource	*	*	% of NBII	80%	80%	TBD

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated			customers satisfied with ease and timeliness of access to scientific and technical products and assistance.			
2010	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of focal migratory bird populations for which species pages are available through the NBII.	15%	29%	29%
2008	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of NBII customers satisfied with ease and timeliness of access to scientific and technical products and assistance	80%	80%	80%
2010	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Amount of invasive species data and information available online via the NBII to assist in modeling and forecasting the spread of invasives.	1.1GB	1.6 GB	1.6 GB
2008	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Number of FGDC-compliant metadata records available through the NBII Clearinghouse to enhance the quality, clarity and utility of biological resources data and information	26800	41000	40501
2012	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through	*	*	% of focal migratory bird populations for which species pages are available through the NBII.	15%	33%	TBD

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Integrated						
2009	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Number of FGDC-compliant metadata records available through the NBII Clearinghouse to enhance the quality, clarity and utility of biological resources data and information	26800	41500	43366
2011	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of focal migratory bird populations for which species pages are available through the NBII.	15%	33%	TBD
2009	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Amount of invasive species data and information available online via the NBII to assist in modeling and forecasting the spread of invasives.	1.1 GB	2.4 GB	1.6GB
2012	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of NBII customers satisfied with ease and timeliness of access to scientific and technical products and assistance.	80%	80%	TBD
2012	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Number of FGDC-compliant metadata records available through the NBII Clearinghouse that enhance the quality, clarity, and utility of biological resource data and information	26800	95000	TBD

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2009	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of focal migratory bird populations for which species pages are available through the NBII.	15%	22%	22%
2008	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	Amount of invasive species data and information available online via the NBII to assist in modeling and forecasting the spread of invasives.	1.1 GB	1.4 GB	1.5 GB
2012	Resource Protection: Improve the Understanding of National Ecosystems and Resources Through Integrated Interdisciplinary Assessment.	*	*	% of natural resource data and information resources being accessed for science and science-based decision-making	21.5%	6.2%	TBD

Part III: For "Operation and Maintenance" investments ONLY (Steady State)

Section A: Cost and Schedule Performance (All Capital Assets)

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Planning	\$4.0	\$3.8	1999-10-01	1999-10-01	2000-09-29	2000-09-29	0.00%	100.00%
Acquisition	\$1.5	\$1.4	1999-10-01	1999-10-01	2000-09-29	2000-09-29	0.00%	100.00%
Daily Operations	\$0.2	\$0.2	2008-10-01	2008-10-01	2009-09-30	2009-09-30	100.00%	100.00%
Services Procurement	\$2.2	\$2.2	2008-10-01	2008-10-01	2009-09-30	2009-09-30	100.00%	100.00%
Government FTE Costs	\$1.2	\$1.2	2008-10-01	2008-10-01	2009-09-30	2009-09-30	100.00%	100.00%
Daily Operations	\$0.2	\$0.1	2009-10-01	2009-10-01	2010-09-30		100.00%	75.00%
Services Procurement	\$2.2	\$1.7	2009-10-01	2009-10-01	2010-09-30		100.00%	75.00%
Government FTE Costs	\$1.2	\$1.0	2009-10-01	2009-10-01	2010-09-30		100.00%	75.00%
Daily Operations	*	*	2010-10-01		2011-09-30		0.00%	0.00%
Services Procurement	*	*	2010-10-01		2011-09-30		0.00%	0.00%
Government FTE Costs	*	*	2010-10-01		2011-09-30		0.00%	0.00%
Daily Operations	*	*	2011-10-03		2012-09-28		0.00%	0.00%
Services Procurement	*	*	2011-10-03		2012-09-28		0.00%	0.00%
Government FTE Costs	*	*	2011-10-03		2012-09-28		0.00%	0.00%
Daily Operations	*	*	2012-10-01		2013-09-30		0.00%	0.00%
Services/Procurement	*	*	2012-10-01		2013-09-30		0.00%	0.00%
Government FTEs	*	*	2012-10-01		2013-09-30		0.00%	0.00%
Daily Operations	*	*	2013-10-01		2014-09-30		0.00%	0.00%
Services/Procurement	*	*	2013-10-01		2014-09-30		0.00%	0.00%
Government FTEs	*	*	2013-10-01		2014-09-30		0.00%	0.00%
Daily Operations	*	*	2014-10-01		2015-09-30		0.00%	0.00%
Services/Procurement	*	*	2014-10-01		2015-09-30		0.00%	0.00%
Government FTEs	*	*	2014-10-01		2015-09-30		0.00%	0.00%
Daily Operations	*	*	2015-10-01		2016-09-30		0.00%	0.00%
Services/Proc	*	*	2015-10-01		2016-09-30		0.00%	0.00%

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
urement								
Government FTEs	*	*	2015-10-01		2016-09-30		0.00%	0.00%
Daily Operations	*	*	2016-10-01		2017-09-29		0.00%	0.00%
Services/Procurement	*	*	2016-10-01		2017-09-29		0.00%	0.00%
Government FTEs	*	*	2016-10-01		2017-09-29		0.00%	0.00%
Daily Operations	*	*	2017-10-01		2018-09-28		0.00%	0.00%
Services/Procurement	*	*	2017-10-01		2018-09-28		0.00%	0.00%
Government FTEs	*	*	2017-10-01		2018-09-28		0.00%	0.00%
Planning	\$0.5	\$0.5	2000-10-02	2000-10-02	2001-09-28	2001-09-28	0.00%	100.00%
Acquisition	\$3.5	\$3.4	2000-10-02	2000-10-02	2001-09-28	2001-09-28	0.00%	100.00%
O&M	\$1.0	\$0.9	2000-10-02	2000-10-02	2001-09-28	2001-09-28	0.00%	100.00%
Daily Operations	*	*	2018-10-01		2019-09-30		0.00%	0.00%
Services/Procurement	*	*	2018-10-01		2019-09-30		0.00%	0.00%
Government FTEs	*	*	2018-10-01		2019-09-30		0.00%	0.00%
Planning	\$0.5	\$0.5	2001-10-01	2001-10-01	2002-09-30	2002-09-30	0.00%	100.00%
Acquisition	\$5.0	\$4.7	2001-10-01	2001-10-01	2002-09-30	2002-09-30	0.00%	100.00%
O&M	\$0.5	\$0.5	2001-10-01	2001-10-01	2002-09-30	2002-09-30	0.00%	100.00%
Planning	\$0.5	\$0.5	2002-10-01	2002-10-01	2003-09-30	2003-09-30	0.00%	100.00%
Acquisition	\$5.0	\$4.8	2002-10-01	2002-10-01	2003-09-30	2003-09-30	0.00%	100.00%
O&M	\$0.5	\$0.5	2002-10-01	2002-10-01	2003-09-30	2003-09-30	0.00%	100.00%
Planning	\$1.2	\$1.1	2003-10-01	2003-10-01	2004-09-30	2004-09-30	0.00%	100.00%
Acquisition	\$6.3	\$6.0	2003-10-01	2003-10-01	2004-09-30	2004-09-30	0.00%	100.00%
O&M	\$1.3	\$1.2	2003-10-01	2003-10-01	2004-09-30	2004-09-30	0.00%	100.00%
Planning	\$1.2	\$1.1	2004-10-01	2004-10-01	2005-09-30	2005-09-30	0.00%	100.00%
Acquisition	\$6.3	\$6.0	2004-10-01	2004-10-01	2005-09-30	2005-09-30	0.00%	100.00%
O&M	\$1.3	\$1.3	2004-10-01	2004-10-01	2005-09-30	2005-09-30	0.00%	100.00%
Daily Operations	\$0.2	\$0.2	2005-10-03	2005-10-03	2006-09-29	2006-09-29	0.00%	100.00%
Services Procurement	\$3.7	\$3.6	2005-10-03	2005-10-03	2006-09-29	2006-09-29	0.00%	100.00%
Government FTE Costs	\$1.1	\$1.1	2005-10-03	2005-10-03	2006-09-29	2006-09-29	0.00%	100.00%
Daily Operations	\$0.3	\$0.3	2006-10-02	2006-10-02	2007-09-28	2007-09-28	0.00%	100.00%
Services Procurement	\$3.1	\$3.1	2006-10-02	2006-10-02	2007-09-28	2007-09-28	0.00%	100.00%
Government FTE Costs	\$1.2	\$1.2	2006-10-02	2006-10-02	2007-09-28	2007-09-28	0.00%	100.00%
Daily	\$0.2	\$0.2	2007-10-01	2007-10-01	2008-09-30	2008-09-30	0.00%	100.00%

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Operations								
Services Procurement	\$2.4	\$2.4	2007-10-01	2007-10-01	2008-09-30	2008-09-30	0.00%	100.00%
Government FTE Costs	\$1.0	\$0.9	2007-10-01	2007-10-01	2008-09-30	2008-09-30	0.00%	100.00%

* - Indicates data is redacted.